



Shoreline Reconnaissance
Raritan Bay Slag
Old Bridge/Sayreville, NJ

The purpose of this shoreline reconnaissance (SR) outline is to provide a framework for the collection of field information/data. The study area will include portions of the Raritan Bay, Hudson and Raritan Rivers and be broken into sectors or smaller study areas. The exact limits of the study area will be identified by the On-Scene Coordinator (OSC), in consultation with the USCG. The SR will include obtaining the following information:

- : collecting GPS coordinates of all shorelines inspected;
- : collecting and maintaining a digital photograph log of each area inspected;
- : Identification of portions of the shoreline where rust-colored material is observed; and
- : notifying the OSC of those area(s) where questionable material have been observed.

Generally, the SR will be conducted under low tide conditions, when the shoreline is most exposed. Sampling of this material may be requested on a case by case basis. Personnel completing the inspection will need to complete the SR checklist (to be developed).

CASE NUMBER: NSF 029 - 09
INCIDENT: Raritan Bay Slag

FOSC: Andy Confortini
EPA Region II
CPN #: C09A03



US Coast Guard
National Strike Force
Atlantic Strike Team
Bldg 5614, Doughboy Loop
Fort Dix, NJ 08640
(609) 724-0008
(609) 724-0232 (fax)

LOCATION

Laurence Harbor, NJ

DATES OF RESPONSE

9-16 Jul 09

INCIDENT DESCRIPTION

HISTORY/BACKGROUND INFO:

The Raritan Bay Slag site is located in the Laurence Harbor section of Old Bridge and in Sayreville along the Raritan Bay. The overall site spans approximately 1.3 miles in length and consists of the waterfront area between Margaret's Creek and the area just beyond the western jetty at the Cheesequake Creek Inlet. The portion of the site that is in Laurence Harbor is part of what is now called Old Bridge Waterfront Park. Lead slag, reportedly in the form of blast furnace pot bottoms, was deposited along the beachfront in the late 1960s and early 1970s. The other portion of the site that is in Sayreville is located on, and adjacent to, the western jetty at the Cheesequake Creek Inlet. The slag on the jetty is similar in appearance to that which is present on the seawall. Crushed battery casings are also evident on the jetty. The Raritan Bay Slag site is part of a larger effort which includes the area around Margaret's Creek, an area in which the NJDEP discovered lead-contaminated material On 19 May 2009, EPA Region II requested AST assistance with local area shore line reconnaissance, photo documentation of samples and safety oversight during sampling operations.

PERSONNEL

BM1 Jason McDonnell

EQUIPMENT

1 Computer Kit
1 Digital Camera
1 Air Card
1 GV

RESPONSE ACTIVITIES

- Using sledge hammers, dive contractors are driving 12 and 36" clear PVC type pipes into the soil to get a core sample.
- Core samples are being logged, photographed, and packaged to be shipped to a contracted laboratory.



EPA intern squeezes homogenized samples into a8oz sample jar.

LESSONS LEARNED

- Upon the beginning of operations expect delay to correct for a learning curve.
- Working according to low tide, at times will not coincide with daily temperatures.
- Letting EPA contractors drive vehicals on the beach will equal stuck truck.

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II**

DATE: APR 15 2009

SUBJECT: Work Authorization

FROM: Norman Vogelsang
Regional Project Officer *Norman Vogelsang*

TO: James Wood, Fin. Mgmt Officer
EPA Cincinnati

This is to advise that funds in the generic Interagency Agreement identified below are to be de-obligated and obligated as indicated to the site-specific accounting information below. The following information is provided for cost tracking purposes.

WORK AUTHORIZATION FORM	ORIGINAL XX	INCREASE	DECREASE	NCTE
TITLE AND NUMBER OF IAG	Atlantic Strike Team		DW - 69 - 94205401 - 1	
SITE NAME:	Raritan Bay Slag in Old Bridge and Sayreville, New Jersey			
EPA ID NO.	NJN000206276			
PURPOSE:	Removal Action Support as Described in Attached Statement of Work			
ON-SCENE COORDINATOR:	A. Confortini	TELE:(732) 906-6827		
PERIOD OF PERFORMANCE:	FROM: April 16, 2009	TO: July 31, 2009		
PREVIOUS FUNDING: \$0	CURRENT FUNDING: \$10,000.00	TOTAL FUNDING: \$10,000.00		

ACCOUNTING INFORMATION				
	DCN	ACCOUNT NUMBER	COST ORG.	AMOUNT
DE-OBLIGATE FROM	HE0286	07 T 2ADOE 302DC6C 02WQTA00	C029	\$10,000.00
OBLIGATE TO	HE0286	07 T 2ADOE 302DC6C A205 TA00	C029	\$10,000.00
A. Confortini On-Scene Coordinator <i>A. Confortini</i>			DATE: 4/15/09	
Norman Vogelsang Regional Project Officer <i>Norman Vogelsang</i>			DATE: 4/15/2009	

Distribution

Original Form: U.S. Cost Guard, NPFC
2nd Original Form: James Wood, USEPA-Cincinnati
Esther Seabrook, USEPA- 2FMB

Michele Junker, USEPA- 2GCMB
On-Scene Coordinator

UNITED STATES COAST GUARD RESPONSIBILITIES

in association with the removal action at the Raritan Bay Slag Site located in Old Bridge and Sayreville, Middlesex County, NJ.

At this time, the EPA anticipates USCG support will be necessary in the following tasks:

- 1) Evaluation of the overall site health and safety plan;
- 2) Act on behalf of the EPA OSC in matters of health and safety, resident and contractor liaison;
- 3) Conducting quality assurance (QA) checks of the contractors work;
- 4) Assist the EPA OSC in managing site-related documentation and collection of soil samples;
- 5) Conduct workspace air monitoring for particulates and heavy metals;
- 6) Collection of photographic documentation; and
- 7) Providing necessary personnel and equipment to conduct a visual evaluation of neighboring shoreline areas utilizing USCG watercraft/vessel. USCG members will be accompanied by the EPA-OSC during this evaluation. This evaluation is not anticipated to last more than three working days.

General:

- 1) USCG assistance is requested for an estimated 3 months (tentative);
- 2) EPA-OSC understands that up to 3 team members may be required during shoreline recon;
- 2) EPA-OSC requests that following the recon, 1 USCG member be allocated to assist with duties identified above;
- 3) EPA recognizes that due to external situations, support personnel may be removed from this assignment on short notice;
- 4) At this time, EPA anticipates assistance from the RST contractor; and
- 5) USCG may be requested to provide digital photography capabilities and/or radio communications.